Permit #: 20077

COUNTY: BATES
CONFIDENTIAL UNTIL:

Date Issued: 10 - 11 - 90

Date Cancelled:

Date Plugged:\_\_

Misc Borm 2	12	11	. 8	7	6	5	4i	4	3 <u>i</u>	3	2	OGC FORMS
					7-18-25	7-18-95		10-11-90		06-11-01		Date Received
					7-18-25	100		10-11-90		10-11-90		Date Received

Analyses			Samples		Logs	
core	water	core	chip			TYPE
						# CI
						Date Received

Additional Submitted Data:

COMMENTS:



N:O 780 0211 (2-88)

# MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

X APPLICATION	ON TO DRILL	☐ DEEPEN	☐ PLUG	BACK	□¥F	OR AN OIL	WELL	<b>K</b> ] 0	R GAS WELL
ME OF COMPANY OR C						- 1	DATE	10/09	0/00
		ng Co., Inc.,	a Missouri	corpora	tion		STATE		PCODE
DDBESS		erry Street		ricktown			МО		63645
ESCRIPTION I		Box 551	Frede	LICKLOWII		ST. WILL	FF CO.	- 1134	
AME OF LEASE	<u> </u>		WELL NUMBER			HE WELL	ELEVATION (GR		
Shannons'	Circle S.	Ranch			mit #	20044		010'	
FLLLOCATION			(GIVE FOOTAGE	322.2					
		FT. FROM	) SECTION LINE	J22.•2	PANGE	RÓM (E)	COUNTY	E	
FIT LOCATION			42N		33W		В	ates	
C NE/4 NE/4		SED LOCATION TO PRO		LINE 32	2.2	FEET			
OISTANCE FROM PEROPOSED DEPTH  295 ' NUMBER OF ACRES IN LI	ROPOSED LOCA  DE  T  EASE NI	TION TO NEAREST DRI JULING CONTRACTOR NAM Pense Brothers Box 551, Frede UMBER OF WELLS ON I UMBER OF ABANDONE	ILLING, COMPLETE EAND ADDRESS Prilling C cricktown, M LEASE, INCLUDING ED WELLS ON LEAS	ED OR APPLIE Co., Inc. MO 63645 STHIS WELL, OSEO	Rotar	y (Air)	4 1/2 c Start o	work will esg. copen he	voir2
F LEASE PURCHAS	SED WITH ONE O	R MORE WELLS DRILLI	ED, FROM WHOM F	PURCHASED?			NO. OF WEL		DUCING
NAME		37/4						1,000,000	NACTIVEO
ADDRESS		N/A							NDONED0
	11	] SINGLE WELL				ANKET BON			ON FILE
STATUS OF	BOND	AMOUNT \$			AM	<b>OUNT \$ 20</b>	,000.00		☐ ATTACHE
REMARKS (IF THIS EXPECTED NEW PR	S IS AN APPLICA RODUCING ZONE	TION TO DEEPEN OR	PLUG BACK, BRIE IF NEEDED.)		BE WORK 1				
PROPOSED CAS	ING PROGRAM	E; USE BACK OF FORM	IF NEEDED )	APPROVED	D CASING	3 — TO BE F	ILLED IN B		E GEOLOGIST  CEM.
PROPOSED CASI	ING PROGRAN	USE BACK OF FORM  WT/FT	CEM.	APPROVED	D CASING	3 — TO BE F	FILLED IN B	Y STAT	E GEOLOGIST
PROPOSED CAS	ING PROGRAM	E; USE BACK OF FORM	IF NEEDED )	APPROVED	D CASING	3 — TO BE F	FILLED IN B	Y STAT	E GEOLOGIST
PROPOSED CAS	ING PROGRAN	USE BACK OF FORM  WT/FT	CEM.	APPROVED	D CASING	3 — TO BE F	FILLED IN B	Y STAT	E GEOLOGIST
PROPOSED CASI AMOUNT 255'	ING PROGRAM SIZE 4 1/2"	WI/FT 9.5 1b.	CEM.	APPROVED AMOUN 2.5.5	D CASING	S — TO BE F SIZE # //2-	FILLED IN B	Y STAT	E GEOLOGIST  CEM.  To Stark
PROPOSED CAS  AMOUNT 255'	ING PROGRAN SIZE 4 1/2" ed, state that	WI/FI 9.5 lb.	CEM. to surf.	APPROVED AMOUN 255	D CASINO	S — TO BE F SIZE  # 1/2-  The Pens	e Bros.	Drg.	E GEOLOGIST  CEM.  To Sorth  Co., Inc.
PROPOSED CASI  AMOUNT 255 1.  I, the undersign (company), and and direction ar	ING PROGRAN SIZE 4 1/2" ed, state that I that I am aut	WI/FI 9.5 1b.  I am the Assistate the stated therein an ancett	CEM. to surf. ant Vice Pre	APPROVED AMOUN 255 esident this report,	D CASING	S - TO BE F SIZE  4 1/2  The Pens this report best of my	e Bros.	Drg.	E GEOLOGIST  CEM.  To Sorth  Co., Inc.
PROPOSED CASI AMOUNT 255 '.  , the undersign (company), and direction are signature	ING PROGRAM  SIZE 4 1/2"  ed, state that I that I am aut and that the face	WI/FI 9.5 1b.  I am the Assistate the stated therein an ancett	cem. to surf.  ant Vice Prempany to make re true, correct,	APPROVED AMOUN 255 esident this report,	O CASINO  NT  of and that the tete to the DUIRED DUIRED IF	S - TO BE F SIZE  # 1/2-  The Pens this report best of my	e Bros. was prepa knowledge 0/09/90	Drg. pred und	Co., Inc.
PROPOSED CASI AMOUNT 255 T.  , the undersign and direction are signature.  PERMIT NUMBER	ING PROGRAM  SIZE 4 1/2"  ed, state that I that I am aut and that the face	WI/FI 9.5 1b.  I am the Assistate the stated therein an ancett	CEM. to surf.  ant Vice Prempany to make true, correct,  DRILLE CORE / SAMPL SAMPL	approved AMOUN 255 esident this report, and comple	O CASINO  NT  of and that ete to the DUIRED DUIRED DUIRED DUIRED DUIRED DUIRED	The Pens this report best of my	e Bros. was prepa knowledge 0/09/90	Drg. pred und	Co., Inc.
PROPOSED CASI AMOUNT 255 !  , the undersign company), and direction are signature  PERMIT NUMBER  APPROVED BY  NOTE THE	ed, state that I that I am aut	WI/FT 9.5 1b.  I am the Assistate horized by said contests stated therein and cett	CEM. to surf.  ant Vice Prempany to make re true, correct, SAMPL SAMPL WATER	APPROVED  AMOUN  255  esident  this report, and complete  ANALYSIS RECES REQUIRED ES NOT REOLE  ES SAMPLES RECORD TO ANY O	O CASINO  NT  OI  and that ete to the  DUIRED  DUIRED  EQUIRED A	T TO BE F SIZE  #//2  The Pens this report best of my	e Bros. was prepa knowledge 0/09/90 E-LOGS REQU PRILL STEM 1	Drg. red und	Co., Inc.  Ser my supervises  RUN  D. REQUIRED IF R  990
APPROVAL OF THE	ING PROGRAM  SIZE 4 1/2"  ed, state that I that I am aut t	WI/FI 9.5 1b.  I am the Assistate the stated therein an ancett	CEM. to surf.  ant Vice Prempany to make re true, correct, SAMPL SAMPL WATER YOTHER PERSON UNCIL DOES NOT	APPROVED  AMOUN  255  esident  this report, and complete  ANALYSIS RECES REQUIRED ES NOT REOLE  ES SAMPLES RECORD TO ANY O	O CASINO  NT  OI  and that ete to the  DUIRED  DUIRED  EQUIRED A	T TO BE F SIZE  #//2  The Pens this report best of my	e Bros. was prepa knowledge 0/09/90 E-LOGS REQU PRILL STEM 1	Drg.  red und   JIRED IF I	Co., Inc.  Ir my supervise  RUN D. REQUIRED IF R  1 E
PROPOSED CAS  AMOUNT 255 '.  I, the undersign (company), and and direction are signature  APPROVAL DATE  APPROVAL DATE  NOTE THI APPROVAL OF THE WELL NOR ENDOR	ING PROGRAM  SIZE  4 1/2"  ed, state that I that I am aut that I am aut that I am aut that I am aut that I seement No. I is permit by I is pe	WI/FT 9.5 1b.  I am the Assistate horized by said contact the stated therein are cett.  RANSFERABLE TO AN HE OIL AND GAS COULD A	CEM. to surf.  ant Vice Prempany to make re true, correct, SAMPL SAMPL WATER YOTHER PERSON UNCIL DOES NOT THE PERMITTEE.	APPROVED  AMOUN  2 5 5  esident  this report, and comple  ANALYSIS RECURS REQUIRED ES REQUIRED ES NOT REOU  SAMPLES RE  OR TO ANY O  CONSTITUTE	O CASINO  OI  and that ete to the  OUIRED OUIRED IF  OUIRED EQUIRED A  OTHER LOCE ENDORS	T TO BE F SIZE  # //2-  The Pens This report best of my  I CATION  EMENT OF TH	EILLED IN B  W  7.  See Bros.  was prepa knowledge 0/09/90 E-LOGS REQU ORILL STEM 1  E C J  OCT HE GEOLOGII MO Oil	Drg.  Drg.  red und   JIRED IF I	Co., Inc.  Ir my supervise  RUN  D. REQUIRED IF R  P  S OF THE PROPO  Council
PROPOSED CAS  AMOUNT 255!  I, the undersign (company), and and direction ar signature  APPROVAL DATE  APPROVAL DATE  APPROVAL OF THE WELL NOR ENDOR	ING PROGRAM  SIZE 4 1/2"  ed, state that I that I am aut that I am aut that I am aut that I am aut that I seement of the presence of a seement of the presence o	WI/FT 9.5 1b.  I am the Assistate horized by said contact the stated therein are cett.  RANSFERABLE TO AN HE OIL AND GAS COL	CEM. to surf.  ant Vice Prempany to make re true, correct,  DRILLE CORE SAMPL SAMPL WATER Y OTHER PERSON UNCIL DOES NOT THE PERMITTEE.  of the	APPROVED  AMOUN  2.5.5  esident  this report, and complete  ANALYSIS RECUES REQUIRED  ES NOT REOU  SAMPLES RE  OR TO ANY O  CONSTITUTE	OCASINO  OTHER LOCE ENDORS  TIS WELL.	T TO BE F SIZE  # 1/2-  I the Pens I this report best of my  I COUNCIL API	EILLED IN B  W  2.  See Bros.  was prepa knowledge DATE 0/09/90 E-LOGS REOL DRILL STEM T  COTT BE GEOLOGIC MO Oil	Drg.  Drg.  red und   JIRED IF I	Co., Inc.  Ir my supervise  RUN  D. REQUIRED IF R  P  S OF THE PROPO  Council



## MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

MIGGOOTH OIL AITE GAO OCCITOIL	
WELL COMPLETION OR RECOMPLETION REPORT	AND WELL LOG

M NEW WELL WO	DRKOVER LI DEEPER	N PLUG BACK	INJECTION	☐ SAME F	RESERVO	OIR DIFFE	RENT R	ESERVOIR	R - OII	GAS X
OWNER				ADDRESS	-					
	ERS DRILLING	Co., INC.		Box 55	I, ER	BDERICE	KTOU	W, MI	06	3645
LEASE NAME		DAME! To			• • • • • • • • • • • • • • • • • • •			*		
SHANNONS (	CIRCLE S	RANCH, INC		NO.	_	SEC. TWP. AND	RANGE	OR BLOCK	AND SUR	VEY
C NELU NE	LU SE/H					SEC 2	5. T	42N.	R3	3W
C NE/4 NE	PERMIT NU	JMBER (OGC-3 OR OGG S	1)				/			
BATES		2004								
DATE SPUDDED			PRODUCE OR		0	ELEVATION (D		T, OR Gr.)	FLANGE	ON OF CASING HD
9/20/90		126/90				10	10		10	12.5
TOTAL DEPTH	PLUG BAC	K TOTAL DEPTH								
336	ION INTERVAL(S) FOR TH	IS COMPLETION		ROTARY TO	DLS USED	(INTERVAL)	/		CABLET	OOLS USED (INTER
PRODUCING ON INSECT	ON INTERVALO, CONT.			DRILLING FL	0'	TO	36			NIL
WAS THIS WELL DIRECT	IONALLY WAS DIRECT	CTIONAL SURVEY MADE?			The state of the s	IONAL SURVEY	FILED?		DATE FIL	.ED
DRILLED?		No			1	10			,	V/A
TYPE OF ELECTRICAL OF		LOGS FILED WITH THE S							DATE FIL	ED
	No Lo	GS - LITH							_	14.
				RECORD		OINC ETC.)		-		
		LL - CONDUCTOR, SUF		T (LB. FT)		PTH SET	SAC	CKS CEME	NT T	AMOUNT PULL
PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGH	. (60.71)	-		-			
Paragraph .	11/11"	41/211	9	1/2 185	2	55'		50		NIL
RODUCTION	5/4	1				v Hole,				
OPEN HOUS	374	WIL	_	_	255	TO 394		VIL		NIL
							INER R	ECORD		
	TUBING RECO	CKER SET AT SIZE		TOP		ВОТТОМ	INERR	SACKS CEI	MENT	SCREEN
SIZE NIL IN.	FEET	FEET	INCH		FEET		FEET			
	The second secon	AND RESIDENCE OF THE PARTY OF T				SHOT, FRACT	URE, C	EMENT SC	UEEZE	RECORD
	T TERFURATION N		THE RESERVE OF THE PARTY OF	A SECURITY OF THE PERSON NAMED IN	CONTRACTOR OF THE PARTY	ND KIND OF				
) E C S	PERFORATION			AM	OUNT A	NO KIND OF			DERTH	INTERVAL
1000	SIZE AND TYPE	DEPTH INTER	VAL .	AM	MATERI	AL USED			DEPTH	INTERVAL
JUL 2 0	SIZE AND TYPE	DEPTH INTER	E ,		MATERI 157				-	
NUMBER PER FEET	SIZE AND TYPE		E ,	250 g	MATERI 157			3.5	-	INTERVAL  8 & 4
JUL 2 0	SIZE AND TYPE	DEPTH INTER	E ,		MATERI 157			25	-	
JUL 2 0	SIZE AND TYPE	DEPTH INTER	394'	250 9	MATERI 157 121/			3.5	-	
JUL 20	SIZE AND TYPE	DEPTH INTER	SQY INITIAL P	250 g	MATERI 157 (Z/)	AL USED	UMPING		5-3	384
JUL 2 0 O Oil & G	SIZE AND TYPE	DEPTH INTER	INITIAL P	250 g	MATERI 157 (Z/)	AL USED	UMPING OLE -		5-3	384
JUL 2 0 O Oil & G DATE OF FIRST PRODUC	SIZE AND TYPE	PRODUCING METHOD (I	INITIAL P	250 g	MATERI SZ / /	PUMPING - IF P	WATER		E AND TYPE	PE OF PUMP
JUL 2 0 Oil & G DATE OF FIRST PRODUC	SIZE AND TYPE 1995  AS COURTED  CTION OR INJECTION  ON  RS TESTED CHOKE SIZE	PRODUCING METHOD (I	INITIAL P NDICATE IF FI D WAY DURING	250 9 RODUCTION OWING, GAS GAS PRODU	MATERI /S// N LIFT, OR I	PUMPING - IF POPEN HE	WATER TEST	SHOW SIZE	E AND TYPE	PEOF PUMP  PEOF PUMP  PEOF PUMP  API (C)  API (C)
JUL 20 OOI & G DATE OF FIRST PRODUC  NILL DATE OF TEST HOU	SIZE AND TYPE 1995  AS COURTED  TION OR INJECTION	PRODUCING METHOD (I	INITIAL P NDICATE IF FI D WAY DURING	250 9  RODUCTION LOWING, GAS	MATERI /S// N LIFT, OR I	PUMPING - IF POPEN HONG TEST  MCF  GAS	WATER	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL DAS OIL CRIVITY API (C GAS OIL RATIO
JUL 2 0 O O I & G  DATE OF FIRST PRODUC  NIL  DATE OF TEST HOU  TUBING PRESSURE	SIZE AND TYPE 1995  AS COURTED  TION OR INJECTION  ON  RS TESTED CHOKE SIZE  CASING PRESSURE	PRODUCING METHOD (I  PRODUCED TEST  CALTED RATE OF PRODUCED PER 24 HOURS	INITIAL P	250 9 RODUCTION OWING, GAS GAS PRODU	MATERI /S// N LIFT, OR I	PUMPING - IF POPEN HE	WATER TEST	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL DAS OIL CRIVITY API (C GAS OIL RATIO
JUL 2 0 O O I & G  DATE OF FIRST PRODUC  NIL  DATE OF TEST HOU  TUBING PRESSURE	SIZE AND TYPE 1995  AS COURTED  TION OR INJECTION  ON  RS TESTED CHOKE SIZE  CASING PRESSURE	PRODUCING METHOD (I)  PRODUCED TEST  CAL'TED RATE OF PRODUCED	INITIAL PINDICATE IF FI	RODUCTION LOWING, GAS PRODUCTION OIL	MATERI 157 N LIFT, OR I CED DURI	PUMPING - IF POPEN HONG TEST  MCF  GAS  MCF	WATER TEST	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL DAS OIL CRIVITY API (C GAS OIL RATIO
DATE OF TEST HOUTUBING PRESSURE	SIZE AND TYPE  1995  CTION OR INJECTION  RS TESTED CHOKE SIZE  CASING PRESSURE  TATE WHETHER VENTED	PRODUCING METHOD (I  PRODUCED TEST  CALTED RATE OF PRODUCED PER 24 HOURS	INITIAL PINDICATE IF FI	250 9 RODUCTION OWING, GAS GAS PRODU	MATERI 157 N LIFT, OR I CED DURI	PUMPING - IF POPEN HONG TEST  MCF  GAS  MCF	WATER TEST	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL DAS OIL CRIVITY API (C GAS OIL RATIO
JUL 2 0  O Oil & G  DATE OF FIRST PRODUCT  DATE OF TEST HOUT  TUBING PRESSURE  DISPOSITION OF GAS (S	SIZE AND TYPE  1995  CTION OR INJECTION  RS TESTED CHOKE SIZE  CASING PRESSURE  TATE WHETHER VENTED	PRODUCING METHOD (II)  PRODUCING METHOD (II)  PRODUCED  TEST  CALTED RATE OF PROD  PER 24 HOURS  USED FOR FUEL OR SOLE	INITIAL P NDICATE IF FI DURING DURING DUCTION	RODUCTION LOWING, GAS GAS PRODUCTION OIL	N LIFT, OR I CED DURI	PUMPING — IF POPEN HE NG TEST MCF GAS MCF	WATER TEST	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL LOGS PLEASURY API (C GAS OIL RATIO
DATE OF FIRST PRODUCE  TUBING PRESSURE  DISPOSITION OF GAS (S  METHOD OF DISPOSAL OF	SIZE AND TYPE  1995  TION OR INJECTION  ON O	PRODUCING METHOD (I)  PRODUCED TEST  CALTED RATE OF PRODUCED TEST  USED FOR FUEL OR SOLE  A ROTARY CAL	INITIAL P NDICATE IF FI DURING DURING DUCTION	RODUCTION LOWING, GAS GAS PRODUCTION OIL	N LIFT, OR I CED DURI	PUMPING - IF POPEN HONG TEST  MCF  GAS  MCF	WATER TEST	SHOW SIZE	E AND TYPE	PE OF PUMP PICAL DAS OIL CRIVITY API (C GAS OIL RATIO
DATE OF FIRST PRODUCE  TUBING PRESSURE  DISPOSITION OF GAS (S  METHOD OF DISPOSAL (CERTIFICATE: 1, THE LEAD MITTALE)	SIZE AND TYPE  1995  CTION OR INJECTION  RS TESTED CHOKE SIZE  CASING PRESSURE  TATE WHETHER VENTED	PRODUCING METHOD (I)  PRODUCED TEST  CALTED RATE OF PRODUCED TEST  USED FOR FUEL OR SOLE  A ROTARY CAL	INITIAL PONDICATE IF FOR DURING DURING DUCTION DO	RODUCTION LOWING, GAS PRODUCTION OIL OIL S ONLY T. V.	N LIFT, OR I bbls.	PUMPING — IF POPEN HONG TEST  MCF  GAS  MCF	WATER TEST	SHOW SIZ NO MI PRODUCE	E AND TYPE	PE OF PUMP  PICAL LOGS  API (C)  GAS OIL RATIO  B.
DATE OF FIRST PRODUCE NOT TUBING PRESSURE  DISPOSITION OF GAS (SOMETHOD OF DISPOSAL OF TEST OF TEST OF THE PRODUCE OF THE PRODUCE OF THE PROSE OF TH	SIZE AND TYPE  1995  CASING PRESSURE  CASING PRESSURE  TATE WHETHER VENTED  OF MUD PIT CONTENTS  PROTARY (AIR  JINDERSIGNED, STATE THE	PRODUCING METHOD (I)  PRODUCED TEST  CALTED RATE OF PRODUCED TEST  USED FOR FUEL OR SOLE  A ROTARY CAL	INITIAL PINDICATE IF FIND LUMP DURING DUCTION DDIS.	RODUCTION LOWING, GAS PRODUCTION OIL OIL S ONLY T. V. T.	MATERI 157 N LIFT, OR I CED DURI DOWN	PUMPING - IF POPEN HONG TEST MCF GAS MCF CHORIZED BY SA	WATER TEST WATER	PRODUCED OF PANY TO MA	E AND TYPE	PE OF PUMP  PICAL LOSS  API (C)  GAS OIL RATIO  8.
DATE OF FIRST PRODUCE NOT TUBING PRESSURE  DISPOSITION OF GAS (SOMETHOD OF DISPOSAL OF TEST OF TEST OF THE PRODUCE OF THE PRODUCE OF THE PROSE OF TH	SIZE AND TYPE  1995  CASING PRESSURE  CASING PRESSURE  TATE WHETHER VENTED  OF MUD PIT CONTENTS  PROTARY (AIR  JINDERSIGNED, STATE THE	PRODUCING METHOD (I)  PRODUCED TEST  CALTED RATE OF PRODUCED TEST  CALTER RATE OF PRODUCED TEST	INITIAL PINDICATE IF FIND LUCTION  DURING  DUCTION  DOLLAR  DO	RODUCTION LOWING, GAS GAS PRODUCTION OIL	N LIFT, OR II DOWN CED DURING CED	PUMPING - IF POPEN HONG TEST  MCF  GAS  MCF  CHORIZED BY SA  E TRUE, CORRE	WATER TEST WATER	PANY TO MACOMPLETE	E AND TYPE  LOCALINA  DO DURINA  DO DURINA  AKE THIS  TO THE B	PE OF PUMP  OICH LOSS  OIL GRAVITY  GAS OIL RATIO  REPORT, AND THA
DATE OF FIRST PRODUCE  TUBING PRESSURE  DISPOSITION OF GAS (S  METHOD OF DISPOSAL OF THE CONTROL	SIZE AND TYPE  1995  CASING PRESSURE  CASING PRESSURE  TATE WHETHER VENTED  OF MUD PIT CONTENTS  PROTARY (AIR  JINDERSIGNED, STATE THE	PRODUCING METHOD (II)  PRODUCING METHOD (II)  PRODUCED  TEST  CALTED RATE OF PROD  PER 24 HOURS  USED FOR FUEL OR SOLE  A POTARY  IAT I AM THE  NAND DIRECTION AND THE	INITIAL PINDICATE IF FIND LUCTION  DURING  DUCTION  DOLLAR  DO	RODUCTION LOWING, GAS GAS PRODUCTION OIL	N LIFT, OR II DOWN CED DURING CED	PUMPING - IF POPEN HONG TEST  MCF  GAS  MCF  CHORIZED BY SA  E TRUE, CORRE	WATER TEST WATER	PANY TO MACOMPLETE	E AND TYPE  LOCALINA  DO DURINA  DO DURINA  AKE THIS  TO THE B	PE OF PUMP  OICH LOSS  OIL GRAVITY  GAS OIL RATIO  REPORT, AND THA
DATE OF FIRST PRODUCE NOT TUBING PRESSURE  DISPOSITION OF GAS (SOMETHOD OF DISPOSAL OF TEST HOUSE AND WITH CERTIFICATE: I, THE UNITED SEA OF THE PROPERTY WAS PREPARED.	SIZE AND TYPE  1995  CASING PRESSURE  CASING PRESSURE  TATE WHETHER VENTED  OF MUD PIT CONTENTS  PROTARY (AIR  JINDERSIGNED, STATE THE	PRODUCING METHOD (II)  PRODUCING METHOD (II)  PRODUCED  TEST  CALTED RATE OF PROD  PER 24 HOURS  USED FOR FUEL OR SOLE  A POTARY  IAT I AM THE  NAND DIRECTION AND THE	INITIAL PINDICATE IF FIND LUCTION  DURING  DUCTION  DOLLAR  DO	RODUCTION LOWING, GAS GAS PRODUCTION OIL	N LIFT, OR II DOWN CED DURING CED	PUMPING - IF POPEN HONG TEST MCF GAS MCF CHORIZED BY SA	WATER TEST WATER	PANY TO MACOMPLETE	E AND TYPE  LOCALINA  DO DURINA  DO DURINA  AKE THIS  TO THE B	PE OF PUMP  OICH LOSS  OIL GRAVITY  GAS OIL RATIO  REPORT, AND THA

### SHANNON NO. 2 WELL, PERMIT NO. 20044

DATE 10/26/90

	10/26/90
1	ELEVATION: 1010 (TOPO) PENSE BROS. DRG.CO., INC.
0-2	TOPSOIL, CLAY LOAM, BROWN
2-7	LIMESTONE, DENSE, WHITE TO BUFF
7-10	CLAY, LIGHT BROWN TO TAN, SHALE AT BASE
10-125	SHALE, SANDY TO SILTY, LIGHT TO DARK GREY
125-135	CLAY, BLOCKY, DARK BROWN WITH SHALE STRINTIDILY
7	GREENISH GREY + SORPSTONE
135-140	SHALE, GREY TO DARK GREY, SUGAT COAL SEAM
140-145	CONGLOMERATE; CLAY, Blocky, Reddish BROWN,
10.	SORPSTONE Y SHALE, USHY GREY TO EVERYISH GREY
145-150	CLAY, BLOCKY, REDDISH BROWN JUL 20 1995
150-170	SHALE SOFT GREY TO LIGHT GREY
170 - 190	SILTSTONE, CALCITIC, GREY TO LIGHT GREY WITH
14	SLIGHT LIMESTONE STRIATION, VERY SLIGHT GAS EMPLYATION
190-200	S. CISTONE, SHALY, GREY TO LIGHT GREY
210-225	SANDSTONE, VERY FINE GRAINED, CALCITIE, GREY TO LIGHT GREY
225-230	SANDSTONE WITH SHALLY SILTSTONE STRIATIONS, CALOUTIE,
18	GREY TO LIGHT GREY
	Conglom ERATE, SANdStonE, SILTSTONE (SHALY), SHALE, WITH
	FEW PARTICLES LIMESTONE.
235-25021	LIMESTONE, DENSE TO SOME CRYSTALLINE, BUFF TOTAL
82	SLISHT SANDSTONE STRIATION AT BASE .
250-266	SHALE, DENSE, GREY TO DHEK GREY, SUGHT COME SEAM NEAR
24	BASE
266-217	SANDSTONE, FINE TO MEDIUM GRAINED, WHITE TO GREY.
278-288	LIMESTONE, FEW DOLLTIC PARTICLES.
288-315	SHALE CALCAREOUS GREY TO BLUE GAEY, SOME COAL NEAR BASE.
315-347	SHOLE CALCAREOUS, GREY TO BLUE GREY, SOME COAL NEAR BASE. UARIEBATED SHAKES & SILTSTONES, SLIGHT COAL SECTIONS @356 + 365' TO 394
`	

NAME OF LEASE				DATE	
	8 (/				1
SHAMMONIS' C	CIRCLE "S" RAN	CH, INC.		7/14	195
WELL NUMBER			2110		3 05071011 1 1115 01
	2309,4 FEET	FROM (S) SECTION LI	NE AND DAGLA	_ FEET FROM (E)	SECTION LINE OF
SECTION	TOWNSHIP	RANGE	COUNTY		
25	42N	33W	BATES		
THE ELEVATION OF T	HE GROUND AT WELL SIT	TE IS PERMIT NUMBER (OGC-	3 OR OGC-31 NUMBER)		
FEET	ABOVE SEA LEVEL.	200	44		
NAME OF CONTRACTOR OR CO	MPANY THAT WILL DO WORK IS:				
Canada III. To	LS, PENSE BR	OTHERS DRILL	LING CO.	INC.	
ADDRESS 100	LA TENSE LA	CITY	-1110 00.	STATE	ZIP CODE
	BÉRRY St.	FREDERI	2421.21	Mn	63645
P. D. /Sox	55) IDICATE SIZE, KIND, AND DE				
Plus OF	EN HOLE (23	5-394) TO	25 ABOUL	E SAME W	174
CEMENT				,	7-1-1-
Cut Su	RFACE & PR	coduction (	CASINGS	OFF 4	DENOU
GROUND	LEVEL.				
PLUG T	10p 20 0	FREMAIN	NG CASI	NGS,	
0,-	ALREADY LE	WELLED TO	SURFA	ICE X	
111 /	TURE HUY				
GRASS	ED OUER.				
		IN CAC	ME AR	EA,	
15051	AREA AX	ZOUND CHS!	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
22022			FC	EIV	
			450	4	
			, a JUL	20 1995	
			0 Oil 8	& Gas	
			0		
CERTIFICATE: 1 the I	undersigned, state that I	am the ASST.	12. 9.	the Pense Bras	Drig Co. Inc
(company), and that I	am authorized to make the	his report; and that this	report was prepare		, ,
	ed herein are true, correct,				
				DATE	/
SIGNATURE TENSE	BROTHERS DRILL	110000,721	00-	7/14/	25
By: 3	E. BLANCET	7		1///	
AO 780-0214 (10-87)	REMIT TWO COPIES TO:	MISSOURI OIL AND GAS COU	NCIL, P.O. BOX 250, ROLLA	NO 65401	



#### MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI OIL AND GAS COUNCIL

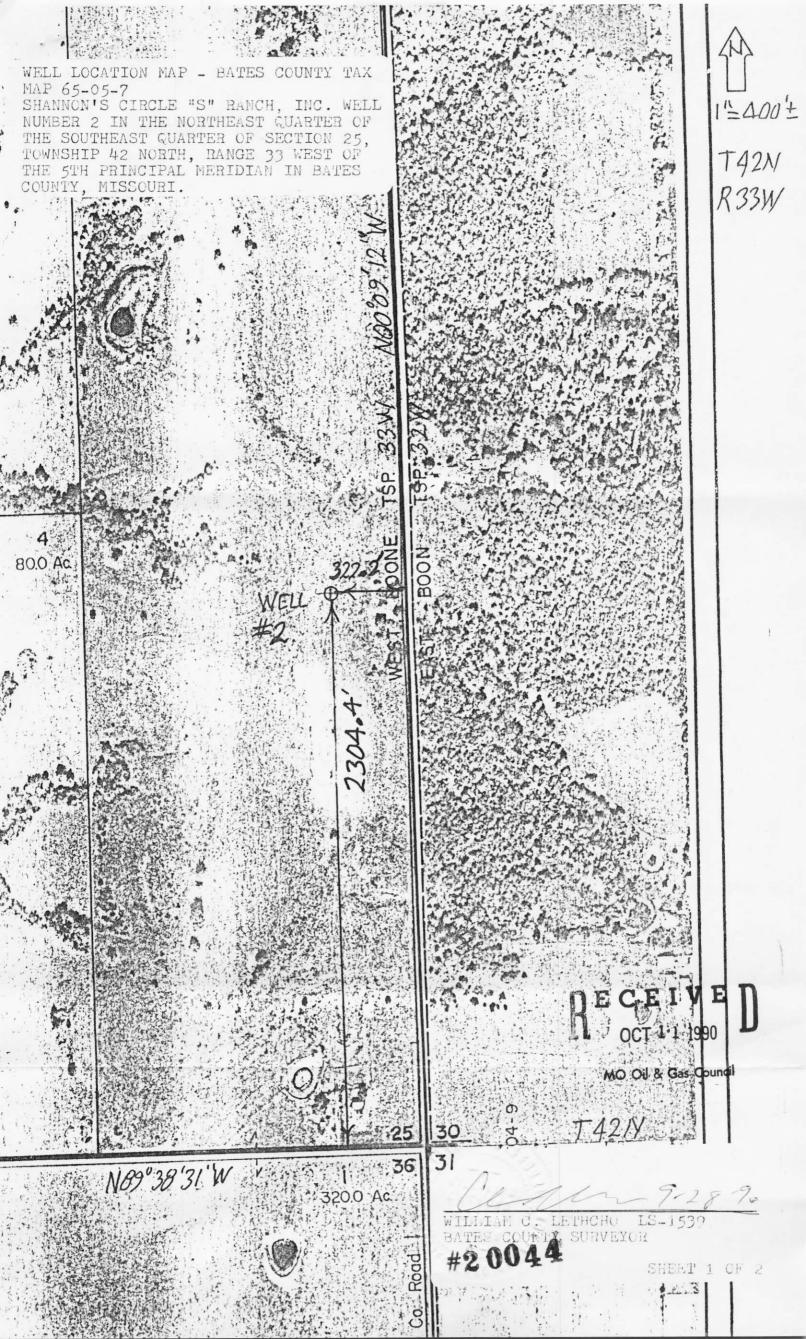
PLUGGING RECORD

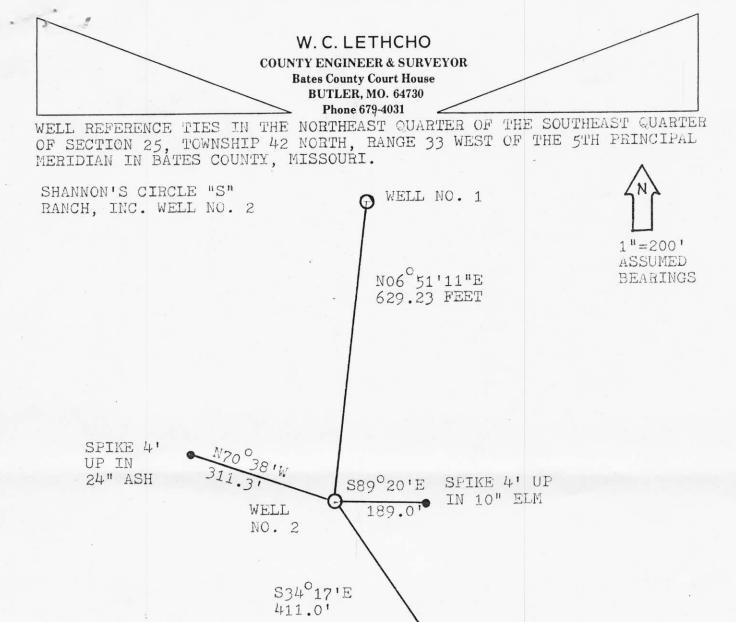
RECEIVED SEP T 9 1995

OWNER					ADDRESS		SE	P 19 1995 "
PENSE NAME OF LE	BROTHERS DA	RILLING	Co.	, INC.	Box 551, FRED	ERICK!	DUZIV BER 100CB OH	MD 63645 Counc
SHAL	INONS CIRCLE	15" RA	21/04	Taic.	2	20044		
LOCATION	OF WELL	0 / (	TVL II	SEC-TWP	-RNG OR BLOCK & SURVEY	COUNTY	0011	
CN	E 4 NE 4 SE	14		25-4	CHARACTER OF WELL AT COMP	BA	TES	
APPLICATION	N TO DRILL THIS WELL WAS FILED	IN NAME OF:	HAS THIS	WELL EVER PRODUCED		LETION (INITI	L PRODUCTION)	DRY?
0	2 3	_ ``		77	OIL (BBLS/DAY)		MCF/DAY)	DRY HOLE
TENSE	EDROS DRIG.C	B. INC		ES NO	NIL	N.	14	Diejinoue
DATE ABAND	DONED TOTAL DEPTH	/		WELL PRODUCING PRIC		WATER (BBL	S/DAY)	
7/14	4/95			OIL (BBLS/DAY)	GAS (MCF/DAY)			
1/1	710			NIL	NIL	APPR	0X, 3 &	BLS. LUATER DA
gas Indicat	ich formation containing oil or le which formation open to well e of abandonment.		content of	each formation	Depth interval of each fo	rmation	Size, kind, & amount cemen	depth of plugs used, giving
	NIL	Tebase		PALTER	252-2	62	FORMERO 10394 Plu	49 PEN Hole 255
	9/06/95	CEME	ק דע	LUG FROM	as 336' UP TO	225	HEA	UY GELMW
	/ /	FROM	225	- TO AP	PROX 15' FRO	m Su	REACH	E CEMENT
		1 /		15 70			1 SUR	F. CASING
		Curo	FF M	LPPROX 3'	FROM SURT	- ,		/
SIZE	PUT IN WELL (FT)	PULLED (FT)		LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOY, RIPPED, ETC.)		PACKERS A	AND SHOES
4/2	255'	NIL		252'	CUT OFF 3' FROM SURF.	NIL -	OPEN H	1/e, 282
	PLUGO	SED ATOR.	WIX	N Comp	ray Took	LA	ery PE	NSE,
WAS WELL FI	LL ED WITH MUD-LADEN FLUID?			1 /	OHNSON SAND"		1 10 20	62
NAME AN	D ADDRESSES OF ADJ	ACENT LEA	SE OPE					
	NAME			ADDI	Ecc			
PENSA	PERATOR)			551, FREDER	RICKTOWN, MD 63645		N/H-	OM THIS WELL
<u>C.</u> ,	J. SHANNO		<i>K</i> +. (	, Box 40, Am	st <i>erdam</i> , Mid. 64723	3/4 A	11LE So	WAHWEST.
OF CC	O OF DISPOSAL MUD PIT ONTENTS  FILE THIS FORM IN DUPLICATE V	100	<u> </u>		ey AIR RIG CU PSOIL TO SURFI	TITNGS GCE LE	ver, mo	N PIT. W GRASSED
NOTE	tion a mint land mint							
ung	(Company), a	and that I a	m autho	the ASST.  prized by said contact the facts state	ppany to make this report therein are true, correc	t; and that	this report w	vas prepared under my best of my knowledge.
SIGNATURE 2.	. Sola	neit	+	PENSE BROW	s, DRLG. CO, INC	DATE 9/	16/05	

## APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

(If nor assigned, leave blank, 14 digital, 1 2 True of seremanen being sugget; (Use the code found on the front of the form) of this form).  3.0 Death of the decest competion (location): Griny receded if sections of 130 or 107 in 2.0 above).  4.0 Name, agrees and code number of applicants: (3) letters per line maximum. If code number not available, leave blank.)  5.0 Location of this well: [Complete (all or (b))] (2) For onshore wells (3) feters maximum for field name).  (3) For onshore wells (3) feters maximum for field name).  (4) For OCS wells:  (5) Items and identification number of the reservoir: (3) letters and digits maximum.)  (6) Items and identification number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum.)  (6) Items and code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (3) letters and digits maximum. If code number of the purchaser; (4) letters and digits maximum. If code number of	1.0 API well number:	I salahai		art Mar-	-	
Compared to the content of the form of t	(If not assigned, leave blank. 14 digits.)	i				
al this formal of this formal cases complete to a depth of this well: (35 letters and digits maximum.)  (a) For OCS wells:  (b) For OCS wells:  (c) I ware and code number of spicars maximum.)  (d) I ware and code number of this well: (35 letters maximum.)  (d) For OCS wells:  (e) For OCS wells:  (ii) For OCS wells:  (iii) For OCS wells:  (iv)	2.0 Type of determination being sought:	i				
1.0 Deem of the desport completion total feet of 100 above.)  4.0 Name, address and code number of applicant: (3) effect of 100 above.)  4.0 Name, address and code number of applicant: (3) effect of 100 above.)  5.0 Location of this well: (Complete (a) or (b.).)  6.1 Control of this well: (Complete (a) or (b.).)  6.1 (a) For onshore wells:  (b) For OCS wells:  (c) Name and identification number of this well: (3) effects and digits maximum.)  (c) I kame and identification number of the reservoir: (3) letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (3) letters and digits maximum. (1 code number not available, lave blank.)  (b) Date of the contract:  (c) Same and code number of the purchaser: (3) letters and digits maximum. (1 code number not available, lave blank.)  (b) Date of the contract:  (c) Same and code number of the purchaser: (3) letters and digits maximum. (4 code number not available, lave blank.)  (d) Base Price  (e) Tax  (ii) All Other Prices (indicate (+) or (-).)  (iii) All Other Prices (indicate (+) or (-).)  (iii) Agove the contract:  (iii) Agove the contract:  (iii) Agove the contract:  (iv) or (-).)  (iii) Agove the contract:  (iv) or (-).)  (iv) Tax  (		1				
Icasion: Ichiy needed if sections 103 or 107 in 2.0 abovs.]   Icasion: Ic			Sect	ion of NGPA	Category Code	
4.0 Name, address and code number of apolicants: (35 letters per line maximum. If code number not available, leave blank.)  5.0 Location of this well: (Complete (a) or (b.).)  (a) For onshore wells: (35 letters maximum for field name.)  (b) For OCS wells:  (c) For OCS wells:  (d) For OCS wells:  (e) Name and identification number of this well: (35 letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters and digits maximum.)  (d) Date of the contract:  (b) Date of the contract:  (c) Estimated total annual production from the well:  (d) Estimated total annual production from the well:  (a) Base Price  (b) Tax  (c) All Other Feet  (d) Total of (a), free (indicate (i) or (-1,1)  (e) and idea (i) place.)  (g) Base Price  (h) Tax  (h) Total of (a), free (indicate (i) or (-1,1)  (b) and idea (ii) address. Complete to 3 decimal places.)  (e) Price Received to FERC  (a) Base Price  (b) Tax  (c) Total of (a), free (indicate (i) or (-1,1)  (d) Total of (a), free (indicate (i) or (-1,1)  (e) and idea (ii) and idea.  (f) Total of (a), free (indicate (ii) or (-1,1)  (d) Total of (a), free (indicate (iii) or (-1,1)  (e) and idea (iii) address. Complete to 3 decimal places.)  (a) Price Received to FERC  (b) Received to FERC  (c) All Other Price (indicate (iii) or (-1,1)  (b) All Other Price (indicate (iii) or (-1,1)  (c) All Other Price (indicate (iii) or (-1,1)  (d) Total of (a), free (indicate (iii) or (-1,1)  (e) and idea (iii) and idea.  (f) Total of (a), free (indicate (iii) or (-1,1)  (d) Total of (a), free (indicate (iii) or (-1,1)  (e) and idea (iii) and idea.  (f) All Other Price (indicate (iii) or (-1,1)  (iii) and idea (iii) and idea.						
### PENSE SROTHERS STRILLING Co., Tax.    Name   Na		i		-	feet	
### PARTY STRUMG Co., Jac.    Seller Code   Soller Code   Soller Code	or 107 in 2.0 above.)	_i				•
Marrie available, leave blank.]  Sireet  FEEDERICKTORIAN  Sireet  FEEDERICKTORIAN  City  Siare  Sireet  FEEDERICKTORIAN  City  Siare  Sireet  FEEDERICKTORIAN  City  Siare  Sireet  Feed Name  Area Name  County  State  County  State  County  State  County  State  County  State  County  State  County  Area Name  County  State  County  St		Drue	= PRATHER	C. PRILLING	Co Tuc	
Solution of this well: [Complete (a) or (b).]  (a) For onshore wells  (3) For onshore wells  (3) For onshore wells  (3) For onshore wells  (3) For OCS wells:  Area Name  Field Name  Batts  County  State  Area Name  Block Number  Block Number  Date of Lease:  Mo. Day Yr. OCS Lesse Number  County  Cel Name and identification number of this well: (3) letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the purchaser: (35 letters and digits maximum.)  6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (d) Estimated total annual production from the well:  (e) Estimated total annual production from the well:  (a) Base Price  (b) Tax  Million Cubic Feet  Million Cubic Feet  (b) Tax  Million Cubic Feet  (c) All Other Prices (Indicate (e) or (-1).]  (b) and (c) (e) and (c)  (c) All Other Prices (Indicate (e) or (-1).]  (d) Total of (a) Base Price  (a) of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  B.E. BLANCETT  Name  Bush T. Frite  Asset, V. P.  Trite  Base Price (314) 78.3 – 33.4.7		PENS	E PROINER	SVAJCING	e, we.	Seller Code
So Location of this well: [Complete (a) or (b).]  (a) For onshore wells  (3) For onshore wells  (3) For onshore wells  (3) For onshore wells  (3) For OCS wells:  Area Name  Field Name  Batts  County  State  Field Name  Block Number  Block Number  Date of Lease:  Mo. Day Yr. OCS Lease Number  County  Cel Name and identification number of this well: (3) letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the purchaser: (35 letters and digits maximum.)  6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (a) Base Price  (b) Tax  Million Cubic Feet  Million Cubic Feet  (a) Given Jaces.  (b) Tax  Million Cubic Feet  Million Cubic Feet  SimMBTU  Contract price:  (A) Offing date. Complete to 3 decimal places.)  So Maximum lawful rate:  (A) Offing date. Complete to 3 decimal places.)  So Person responsible for this application:  B. E. BLANCETT  Name  Catter The State  Asset, V. P.  Title  Catter The State  Title  Catter The State  County  State  Field Name  Block Number  County  C	maximum. If code number not	I Name	1/	CT Roy !	551	Serier Code
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(c) Name and identification number of this well: (35 letters and digits maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (d) Estimated total annual production from the well:  (e) Estimated total annual production from the well:  (a) Base Price  (b) Tax  (c) All Other Prices (Indicate (+) or (-1.))  (d) and (e)  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  (314) 783 – 3347		-1	1.1.1	1111		
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maximum.)  (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)  6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum.) If code number not available, leave blank.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (a) Base Price  (b) Tax  (c) All Other Prices (Indicate (+) or (-).]  (a) Base Price  (b) Tax  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (e) and (c)  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Cate Received by Juris, Agency  Cate Received by Juris, Agency  (314) 783 – 3347	of this well: (35 letters and digits	SHA	NNON RAN	ICH NO. 2		
of the reservoir: (35 letters maximum.)  6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)  (b) Date of the contract:  (c) Estimated total annual production from the well:  (d) All Other Prices [Indicate (+) or (-1,]]  (e) All Other Prices [Indicate (+) or (-1,]]  (f) and (c)  8.0 Maximum lawful rate: (As of filling date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filling date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  B.E. BLANCETT  Name  Pagency Use Only  Date Received by Juris, Agency	maximum.)					1 2
(c) Estimated total annual production from the well:  (a) Base Price  (b) Tax  (c) All Other Prices (Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price  (b) Tax  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices (Indicate (+) or (-).]	(d) If code 4 or 5 in 2.0 above, name					11
(c) Estimated total annual production from the well:  (a) Base Price (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price (b) Tax  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]	of the reservoir: (35 letters	1			1.00	ь'
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(c) Estimated total annual production from the well:  (a) Base Price (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price (b) Tax  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]	maximum. If code number not	i			G85 \	
(c) Estimated total annual production from the well:  (a) Base Price (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price (b) Tax  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]	available, leave blank.)	Name			01/8	Buyer Code
(c) Estimated total annual production from the well:  (a) Base Price (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price (b) Tax  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]	(b) Date of the contract:			N.	10 O.	
(c) Estimated total annual production from the well:  (a) Base Price (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by Juris, Agency  (a) Base Price (b) Tax  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]  (d) Total of (a), (b) and (c)  (b) and (c)  (c) All Other Prices [Indicate (+) or (-).]		i			للا	
from the well:  (a) Base Price (b) Tax (c) All Other Prices [Indicate (H) or (-1.])  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only Date Received by Juris, Agency  Date Received by Juris, Agency  Assignature (3/4) 783-3347				Mo. Day	Yr.	
(a) Base Price  (b) Tax  (c) All Other Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  Date Received by Juris. Agency  (d) Total of (a), (b) and (c)  Asset V. P.  Asset V. P.  Title  (314) 783 – 3347	(c) Estimated total annual production					
(a) Base Price (b) Tax Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  (b) Tax  Prices [Indicate (+) or (-).]  S/MMBTU	from the well:	i	0.01		Million Cubi	c Feet
(a) Base Price (b) Tax Prices [Indicate (+) or (-).]  7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris. Agency  (b) Tax  Prices [Indicate (+) or (-).]  S/MMBTU		-			I (c) All Other	
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7.0 Contract price: (As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only Date Received by Juris, Agency  Date Received by Juris, Agency  Date Received by FERC  S/MMBTU  Asstr. V. P.  Name  Signature (314) 783-3347		i	(a) Base Price	10/ 14/		(b) and (c)
(As of filing date. Complete to 3 decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only Date Received by Juris, Agency  (314) 783-3347	70.0	-			1.7 01 (-7.1	
decimal places.)  8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only Date Received by Juris, Agency  (314) 783-3347		I S/MANARTI				The last of the la
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only Date Received by Juris, Agency  Date Received by Juris, Agency  Date Received by Juris, Agency  Date Received by FERC  (314) 783-3347		I S/IVIIVIB I U				
(As of filing date. Complete to 3 decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by FERC  S/MMBTU  ASS'T. V. P.  Name  Signature  (314) 783-3347		+				
decimal places.)  9.0 Person responsible for this application:  Agency Use Only  Date Received by Juris, Agency  Date Received by FERC  B.E. BLANCETT  Ass'T. V. P.  Title  Signature  (314) 783-3347		S/MARTII				
9.0 Person responsible for this application:    B.E. BLANCETT   Ass't. V. P.		- S/IVIIVIB I U				
Agency Use Only  Date Received by Juris, Agency  Date Received by FERC  ASST. V. P.  Name  Date Received by Juris, Agency  Title  (314) 783-3347		-+				
Agency Use Only  Date Received by Juris, Agency  Date Received by FERC  Name  Title  Signature  [2/30/92]  (314) 783-3347	3.0 reison responsible for this application.	RI	RILICK	77	A55'T	V. P.
Date Received on FERC   Signature   12/30/92 (314) 783-3347	Agency Use Only	1 Name	NETN CO			
Date Received on FERC   Signature   12/30/92 (314) 783-3347		1 8	8200	itt		
Date Received on FERC 12/30/92 (314) 783-3347		Signature	Sugare	eut		
	Date Received on FERC				(314)783	-3347
		1 -1-1	-			





WILLIAM C. LETHCHO LS-1539

THIS IS TO CERTIFY THE REFERENCE TIES SHOWN ON THIS SKETCH ARE IN ACCORDANCE WITH THE DNR CURRENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS 10 CSR 30-2010

SHEET 2 OF 2

SPIKE 4' UP IN 20" OAK

#### SECTION 25, T42N, R33W COORDINATES.

	: ADDUM	LD
NWC	1	NEC
N10054.54		N10000.00
E 4784.69		E10000.00
IBS		IBS
SWC		SEC
N4813.69		N4780.90
E4765.38		E10013.97
IBF		IBF 13.2' NORTH
WELL NO. 1	WELL NO. 2	WELL NO. 4
N7712.07	N7087.34	N8413.57

E9760.65 E9685.57 E9678.30